

# Accepted Manuscript

Cloning and molecular characterization of two ferritins from red abalone *Haliotis rufescens* and their expressions in response to bacterial challenge at juvenile and adult life stages

Teodoro Coba de la Peña, Claudia B. Cárcamo, María I. Díaz, Federico M. Winkler, Byron Morales-Lange, Luis Mercado, Katherina B. Brokordt

PII: S1050-4648(18)30505-9

DOI: [10.1016/j.fsi.2018.08.030](https://doi.org/10.1016/j.fsi.2018.08.030)

Reference: YFSIM 5488

To appear in: *Fish and Shellfish Immunology*

Received Date: 17 April 2018

Revised Date: 8 August 2018

Accepted Date: 14 August 2018

Please cite this article as: Coba de la Peña T, Cárcamo CB, Díaz Maril, Winkler FM, Morales-Lange B, Mercado L, Brokordt KB, Cloning and molecular characterization of two ferritins from red abalone *Haliotis rufescens* and their expressions in response to bacterial challenge at juvenile and adult life stages, *Fish and Shellfish Immunology* (2018), doi: 10.1016/j.fsi.2018.08.030.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



1 **Cloning and molecular characterization of two ferritins from red**  
2 **abalone *Haliotis rufescens* and their expressions in response to**  
3 **bacterial challenge at juvenile and adult life stages**

4 Teodoro Coba de la Peña<sup>a#</sup>, Claudia B. Cárcamo<sup>a,b#</sup>, María I. Díaz<sup>a,c</sup>, Federico M.  
5 Winkler<sup>a,b,d</sup>, Byron Morales-Lange<sup>e</sup>, Luis Mercado<sup>e</sup>, Katherina B. Brokordt<sup>a,b\*</sup>

6

7 <sup>a</sup>*Laboratorio de Fisiología y Genética Marina (FIGEMA), Centro de Estudios*  
8 *Avanzados en Zonas Áridas (CEAZA) and Universidad Católica del Norte, Larrondo*  
9 *1281, Coquimbo, Chile.*

10 <sup>b</sup>*Centro de Innovación Acuícola AquaPacífico, Facultad de Ciencias del Mar,*  
11 *Universidad Católica del Norte, Larrondo 1281, Coquimbo, Chile.*

12 <sup>c</sup>*Programa de Magíster en Ciencias del Mar mención Recursos Costeros, Facultad de*  
13 *Ciencias del Mar, Universidad Católica del Norte, Larrondo 1281, Coquimbo, Chile.*

14 <sup>d</sup>*Departamento de Biología Marina, Facultad de Ciencias del Mar, Universidad*  
15 *Católica del Norte, Larrondo 1281, Coquimbo, Chile.*

16 <sup>e</sup>*Laboratorio de Genética e Inmunología Molecular, Instituto de Biología, Pontificia*  
17 *Universidad Católica de Valparaíso, 2373223 Valparaíso, Chile*

18

19 # These authors contributed equally to the study

20 \* Corresponding author: Katherina Brokordt,  
21 katherina.brokordt@ceaza.cl / kbrokord@ucn.cl

22

Download English Version:

<https://daneshyari.com/en/article/8498095>

Download Persian Version:

<https://daneshyari.com/article/8498095>

[Daneshyari.com](https://daneshyari.com)